v00

```
==34754== Memcheck, a memory error detector
==34754== Copyright (C) 2002-2015, and GNU GPL'd, by Julian Seward et al.
==34754== Using Valgrind-3.11.0 and LibVEX; rerun with -h for copyright info
==34754== Command: ./v00
==34754==
==34754== Invalid write of size 4
==34754==    at 0x400544: f (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v00)
==34754==    by 0x40055A: main (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v00)
==34754==  Address 0x5204068 is 0 bytes after a block of size 40 alloc'd
==34754==    at 0x4C2DB8F: malloc (in /usr/lib/valgrind/vgpreload_memcheck-amd64-linux.so)
==34754==    by 0x400537: f (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v00)
==34754==    by 0x40055A: main (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v00)
==34754==
==34754==
==34754== HEAP SUMMARY:
==34754==     in use at exit: 40 bytes in 1 blocks
==34754==   total heap usage: 1 allocs, 0 frees, 40 bytes allocated
==34754==
==34754== 40 bytes in 1 blocks are definitely lost in loss record 1 of 1
==34754==    at 0x4C2DB8F: malloc (in /usr/lib/valgrind/vgpreload_memcheck-amd64-linux.so)
==34754==    by 0x400537: f (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v00)
==34754==    by 0x40055A: main (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v00)
==34754==
==34754== LEAK SUMMARY:
==34754==    definitely lost: 40 bytes in 1 blocks
==34754==    indirectly lost: 0 bytes in 0 blocks
==34754==      possibly lost: 0 bytes in 0 blocks
==34754==    still reachable: 0 bytes in 0 blocks
==34754==         suppressed: 0 bytes in 0 blocks
==34754==
==34754== For counts of detected and suppressed errors, rerun with: -v
==34754== ERROR SUMMARY: 2 errors from 2 contexts (suppressed: 0 from 0)
```

v05

==35573== Memcheck, a memory error detector
==35573== Copyright (C) 2002-2015, and GNU GPL'd, by Julian Seward et al.
==35573== Using Valgrind-3.11.0 and LibVEX; rerun with -h for copyright info
==35573== Command: ./v05
==35573==
==35573== Conditional jump or move depends on uninitialised value(s)
==35573==   at 0x400532: main (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v05)
==35573==
X is zero==35573==
==35573== HEAP SUMMARY:
==35573==   in use at exit: 0 bytes in 0 blocks
==35573==   total heap usage: 1 allocs, 1 frees, 1,024 bytes allocated
==35573==
==35573== All heap blocks were freed -- no leaks are possible
==35573==
==35573== For counts of detected and suppressed errors, rerun with: -v
==35573== Use --track-origins=yes to see where uninitialised values come from
==35573== ERROR SUMMARY: 1 errors from 1 contexts (suppressed: 0 from 0)

v06

```
==35593== Memcheck, a memory error detector
==35593== Copyright (C) 2002-2015, and GNU GPL'd, by Julian Seward et al.
==35593== Using Valgrind-3.11.0 and LibVEX; rerun with -h for copyright info
==35593== Command: ./v06
==35593==
==35593== Conditional jump or move depends on uninitialised value(s)
==35593==    at 0x400535: foo (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v06)
==35593==    by 0x40055A: main (in /home/rac333/CS283/Lab1/Files-Backup/Valgrind/v06)
==35593==
x is less than 10
==35593==
==35593== HEAP SUMMARY:
==35593==     in use at exit: 0 bytes in 0 blocks
==35593==   total heap usage: 1 allocs, 1 frees, 1,024 bytes allocated
==35593==
==35593== All heap blocks were freed -- no leaks are possible
==35593==
==35593== For counts of detected and suppressed errors, rerun with: -v
==35593== Use --track-origins=yes to see where uninitialised values come from
==35593== ERROR SUMMARY: 1 errors from 1 contexts (suppressed: 0 from 0)
```